How to Use Your Cobra 25 LTD CLASSIC

Features 1
The CB Story A1
FCC Regulations
FCC Warnings
Included Accessories
Controls & Indicators A2
Our Thanks to You A3
Customer Support
Installation
Location 2
Mounting and Connection 2
Antennas
CB Antenna 6
Marine Installation 6
Ignition Noise Interference 7
Operating Your 25 LTD Classic
Turning On Your CB 8
Setting Channel Selector 9
To Receive 10
S-Meter 11
NB/Off (Noise Blanker) Switch 12
Bright/Dim Switch 12
CB/WX Switch 13
RF Gain Control 13
Setting Squelch 14
To Transmit 16
Setting Dynamike® 16
Transmit 17
RF Meter 17
External Speaker 18
PA (Public Address) 19
ANL (Automatic Noise Limiter) Switch 21
Temporary Mobile Set-Up 21
Home and Office Set-Up 22
How Your CB Can Serve You 24
A Few Rules You Should Know 24
Channel 9 Emergency Messages 24
CB 10 Codes 26
Frequency Ranges 28
25 LTD Classic Specifications 29
Warranty Information 30
Optional Accessories 32
Accessory Order Info 33
Trademark Acknowledgement 34

Features of This Product

- *40 CB Radio Channels*
- *Heavy-Duty Dynamic Microphone*
- *Full 4 Watts AM RF Power Output*
- *Instant Channel 9*
- *Front Panel 4-Pin Microphone Connector*
- *Switchable Blanker*
- *Adjustable Dynamike Boost*
- *Tactile Controls*
- *9 Ft Microphone Cord*
- *RF Gain*

For Sales Information Please Contact

RoadTrucker Inc
(www.RoadTrucker.com)
8312 Sidbury Rd.
Wilmington, NC 28411
(800) 507-0482
(910) 686-4281

Installation

Location

Location

Plan location of transceiver and microphone bracket before starting the installation.

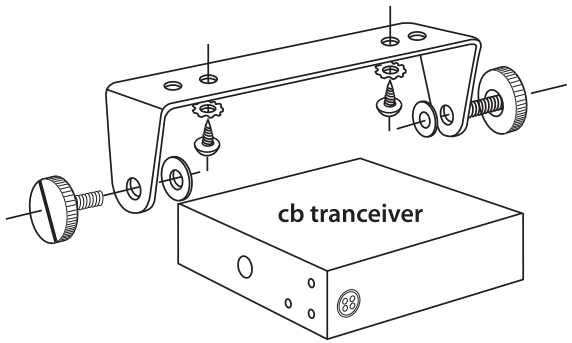
Select a location that is convenient for operation, yet does not interfere with the driver or passenger.

The transceiver is usually mounted to the underside of the dash with the microphone bracket beside it.

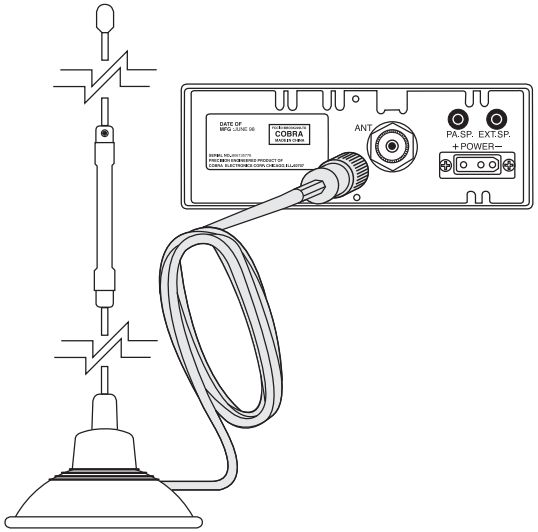
Mounting and Connection

Mounting and Connection

❶ Hold the radio with the mounting bracket in the exact desired location. If there is no interference, remove the bracket and use it as a template to mark the location for the mounting screws.



❷ Drill the holes and secure the bracket.



❸ Connect the antenna cable plug to the receptacle marked "ANT" on the back of the unit.

Note

Before installing the CB radio, visually check the vehicle's battery connection to determine which terminal, positive or negative, is grounded (positive is the larger of the two) to the engine block (or chassis). A negatively grounded vehicle has its negative lead grounded to the chassis.

Note

In positive ground vehicles the red wire goes to the chassis and the black wire is connected to the ignition switch.

continued

Note

The transceiver is held in the universal mounting bracket by two thumbscrews which allow for adjustment at a convenient angle.

The bracket includes two self-tapping screws and star washers. The mounting must be mechanically strong, conveniently located.

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

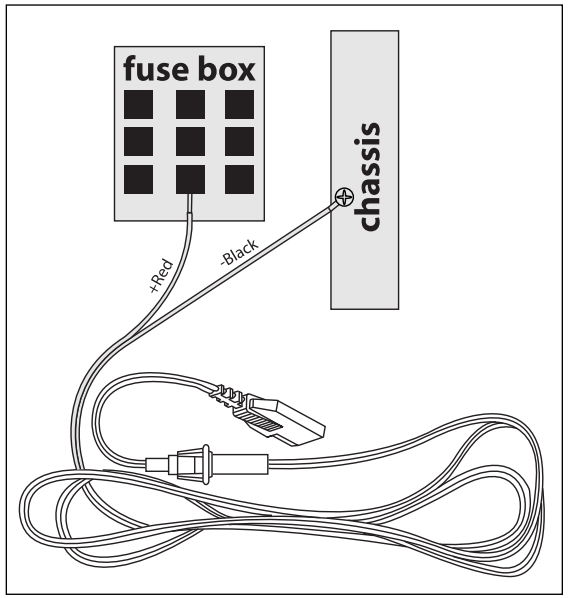
Installation

Note

Connecting to an accessory fuse prevents the unit from being left on accidentally, and also permits operating the unit without running the engine.

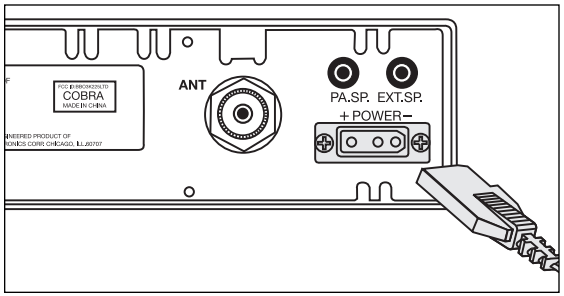
Note

In positive ground vehicles the red wire goes to the chassis and the black wire is connected to the ignition switch.



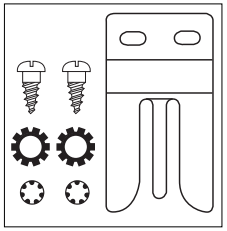
❹ In a negative grounded vehicle, connect the red lead of the DC power cord to an accessory 12 volt fuse.

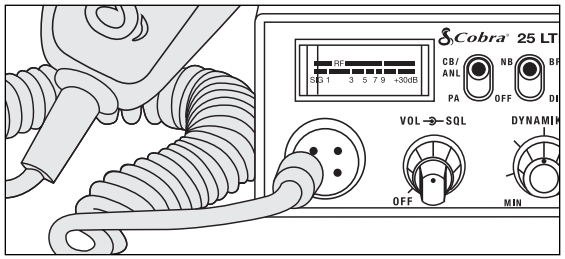
❺ Connect the black lead to the negative side of the vehicle. This is usually the chassis. Any convenient location with a good electrical contact (remove paint) may be used.



❻ Plug power cable into back of unit marked "Power". Be sure to observe polarity markings.

❼ Mount the microphone bracket on the right side of the unit (driver's left) using two screws supplied. Bracket should be placed under the dash so microphone is readily accessible.





❽ Attach the 4-pin microphone cable to receptacle on the front of the unit and install unit in bracket securely.

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

CB Antenna

Note

For optimum performance in passenger cars the ideal antenna location is on the center of the roof. Second choice is on the center of the trunk.

Note

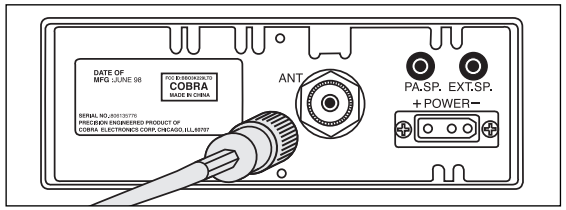
Because many newer trucks feature fiberglass door skins, the outside mirror must be grounded to the chassis..

Note

3-way Combination Antennas are also available which allow operation of all three bands (AM-FM & CB), using a single antenna. However, this type of antenna usually results in less than normal transmit and receive range when compared to a standard-type "Single Band" CB antenna. Call 773.889.3087 for further information.

CB Antenna

Since the maximum allowable power output of the transmitter is limited by the FCC, the antenna is critical in affecting transmission distance. Only a properly matched antenna system will allow maximum power output. Cobra loaded type antenna models are highly recommended for most installations. Consult your Cobra dealer for further details, or call 773.889.3087 and speak to a Cobra representative.



❶ A standard antenna connector is provided on the transceiver for easy connection.

Marine Installation

The transceiver will not operate at maximum efficiency in a boat without a ground plate, (unless it has a steel hull). Before attempting installation , consult your dealer for information regarding an adequate grounding system and prevention of electrolysis between fittings in the hull and water.

Use of a mobile receiver at low signal levels is normally limited by the presence of electrical noise. The primary source of noise in automobiles is from the alternator and ignition system. Typically, when signal level is adequate, the background noise does not present a serious problem. Also, when extremely low level signals are being received, the transceiver may be operated with the vehicle's engine turned off. The unit requires very little current and therefore will not significantly discharge the vehicle's battery.

Even though the Cobra 25 LTD Classic has an automatic noise limiter, in some installations ignition interference may be high enough to make good communications impossible. Many possibilities exist and variations between vehicles require different solutions. Consult your COBRA dealer or a 2-way radio technician for help in locating the source of a severe noise.

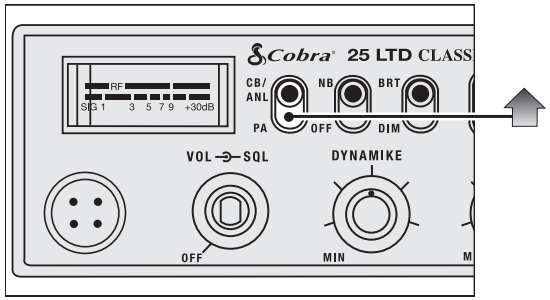
For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Operation

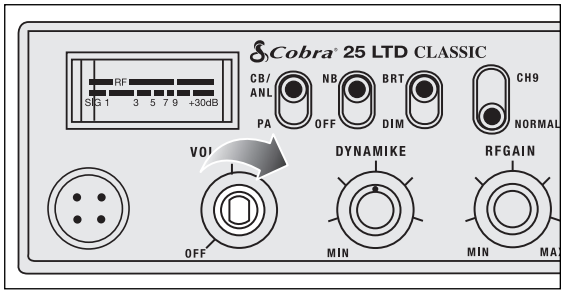
Turning On

Turning On

Make sure the power cord, antenna and microphone are connected to their proper connectors before starting.

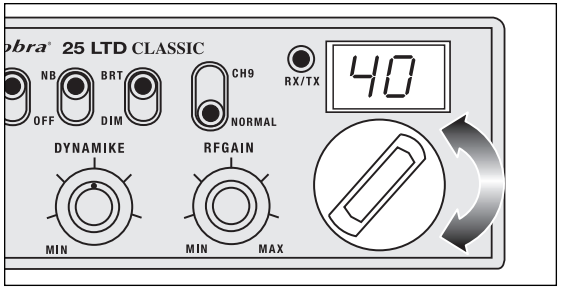


❶ The CB/PA button should be in the CB position.



❷ Rotate the On/Off Volume knob *clockwise* to a normal listening level.

Setting Channel Selector



❶ *Select* one of forty channels and adjust volume. The selected channel is indicated by the LED readout directly above the channel selector knob

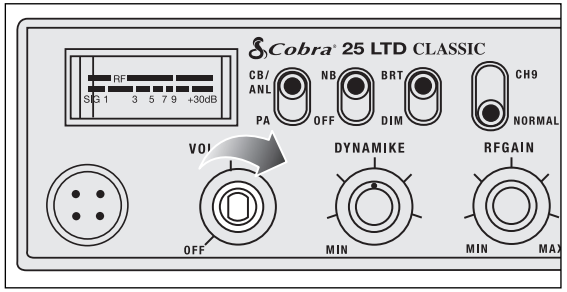
Setting Channel Selector

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Operation

To Receive

To Receive



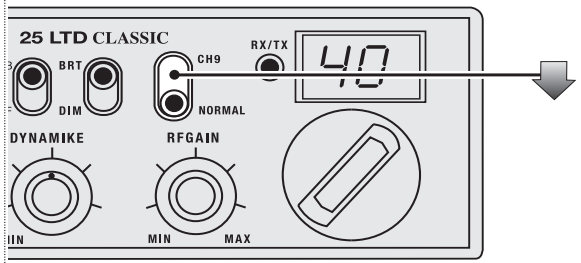
❶ Rotate the On/Off Volume knob *clockwise* the green RT/TX LED and channel display will be illuminated.

Selecting A Channel

Selecting A Channel

Note

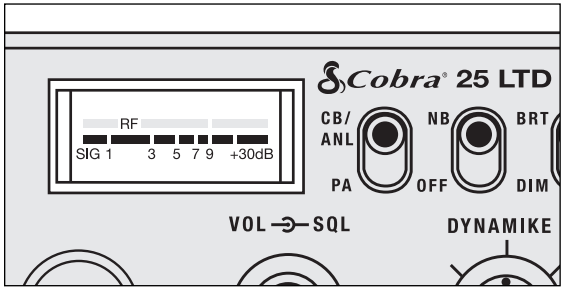
Switch to 9 (Emergency) for instant access to these channel.



❶ *Switch* to NORMAL to select desired channel.

S-Meter

Swings proportionately to strength of incoming signal when receiving.



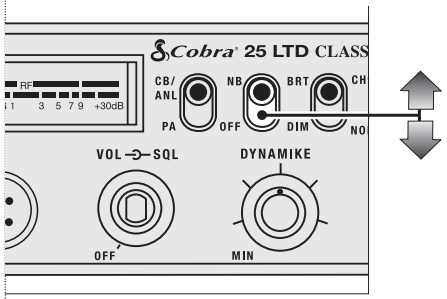
S-Meter

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Operation

NB, OFF (Noise Blanker) Switch

NB, OFF (Noise Blanker) Switch



❶ When *switched* to NB position the RF Noise Blanker is activated, providing increased noise filtration.

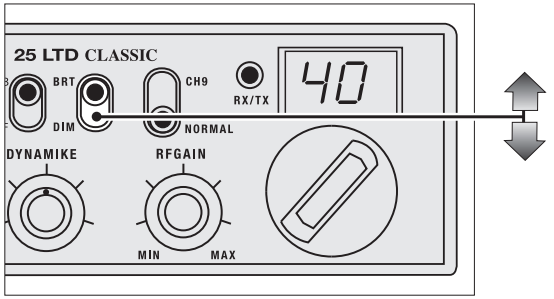
When switched to OFF position Noise Blanking Filtration will be turned off.

Note

The RF noise blanker is very effective in reducing repetitive noises such as ignition interference.

Bright/Dim Switch

Bright/Dim Switch

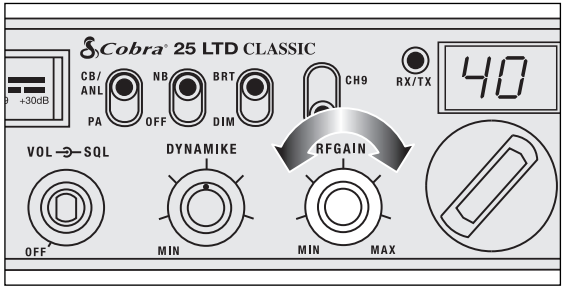


❶ *Switch* to BRT or DIM to control brightness of the channel indicator and multi-function meter for day or nighttime driving.

RF Gain Control

RF Gain Control

The RF Gain is used to optimize reception in strong or weak signal areas.



❶ *Rotate* the RF Gain knob *counterclockwise* to reduce gain in strong signal areas. In weak signal areas turn *clockwise* to increase gain.

Note

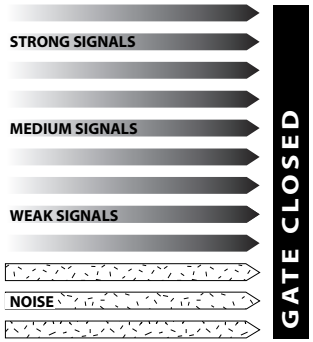
The RF Gain is used to optimize reception in weak signal areas. Turn counterclockwise to reduce gain.

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

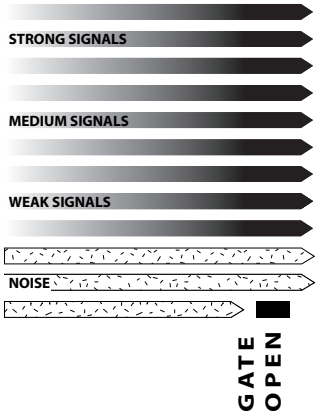
Operation

Setting Squelch

Gate closed

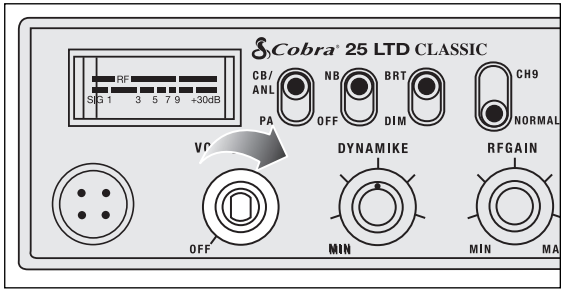


Gate open

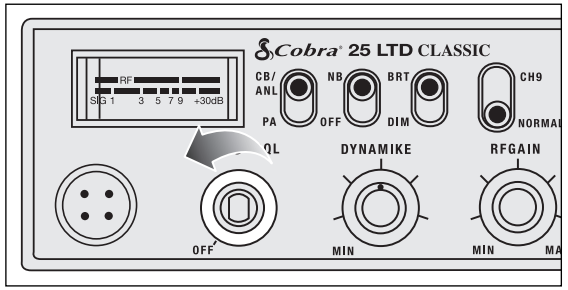


Setting Squelch

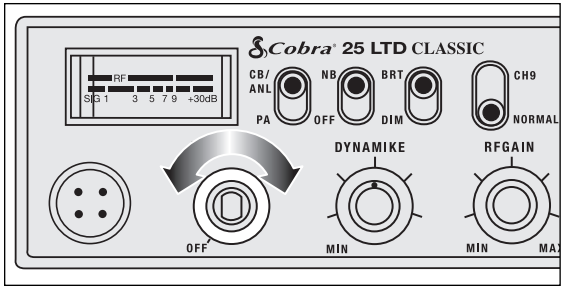
Squelch is the "control gate" for incoming signals.



❶ Full ◎ *clockwise* rotation closes the gate allowing only very strong signals to enter.

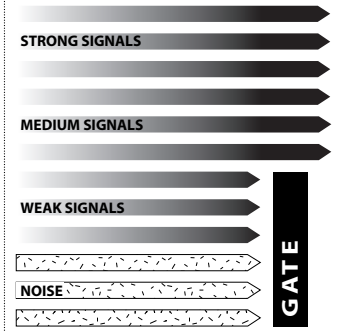


❷ Full ◎ *counterclockwise* rotation opens the "gate" allowing all signals in.



❸ To achieve the Desired Squelch Setting (DSS), turn the Squelch control ◎ *counterclockwise* until you hear noise. Now turn the control *clockwise* just until the noise stops. This is the DSS setting.

Gate set to Desired Squelch Setting (DSS)



For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Operation

To Transmit

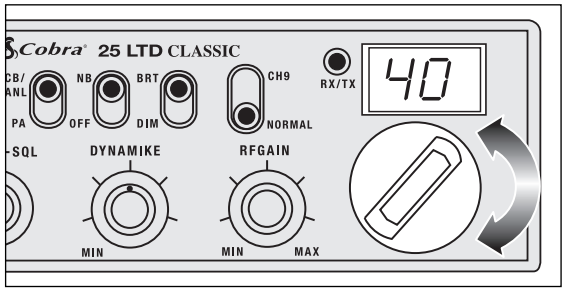
Caution!

Be sure the antenna is properly connected to the radio before transmitting. Prolonged transmitting without an antenna, or a poorly matched antenna, could cause damage to the transmitter.

Be sure to read the F.C.C. Rules and Regulations included with this unit before transmitting.

Setting Dynamike®

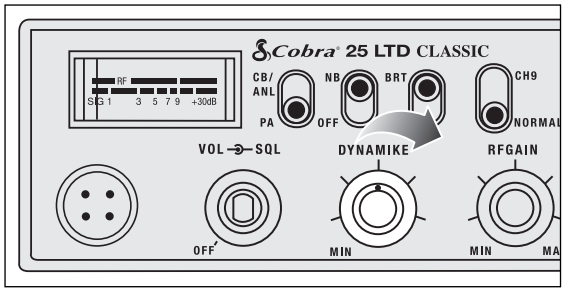
To Transmit



❶ *Select* desired channel.

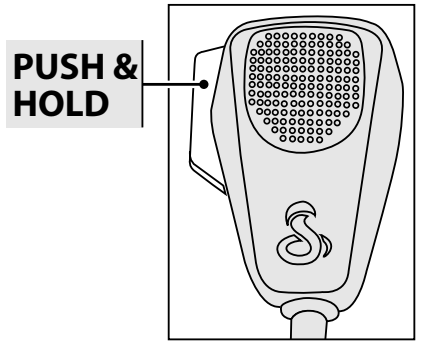
Setting Dynamike®

This controls the microphone sensitivity (outgoing audio level).



❶ Initially, set fully *clockwise* so that maximum voice volume is available. Dynamike® may have to be reduced in some conditions.

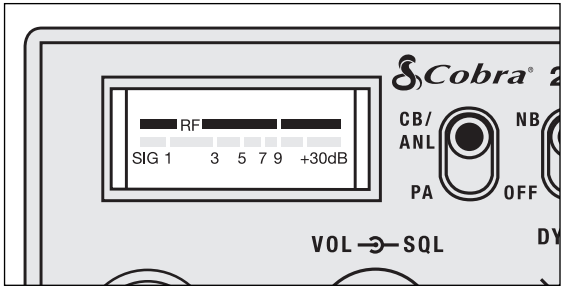
Transmit



❶ *Push and hold* mic button to transmit. Transmitter is now activated. When transmitting, hold the microphone two inches from your mouth and speak in a clear, normal voice. *Release* to receive.

RF Meter

This meter swings proportionately to the RF output (outgoing signal) while transmitting.



Transmit

RF Meter

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Operation

External Speaker

Note

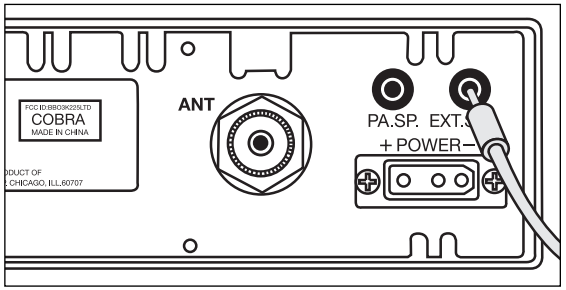
The external speaker should have 8-ohm impedance and be rated to handle at least 4.0 watts. When the external speaker is plugged in, the internal speaker is automatically disconnected.

Note

Cobra external speakers are rated at 10 watts.

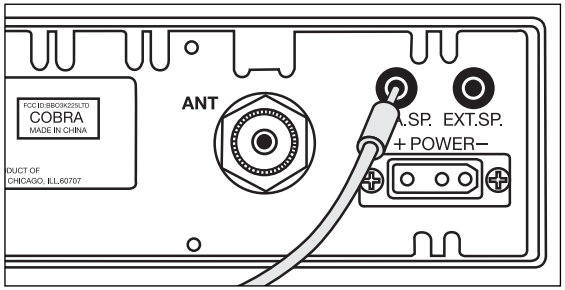
External Speaker

The external Speaker jack is used for remote receiver monitoring.

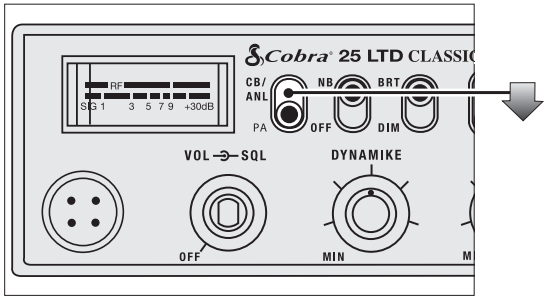


❶ Connect an external speaker to the external speaker jack on the rear panel.

PA (Public Address)



❶ Connect an external PA speaker to the PA jack on the rear panel.



❷ *Set* CB/ANL PA switch to PA position.

PA (Public Address)

Note

Speaker should have 8-ohm impedance and be rated to handle at least 4.0 watts.

Note

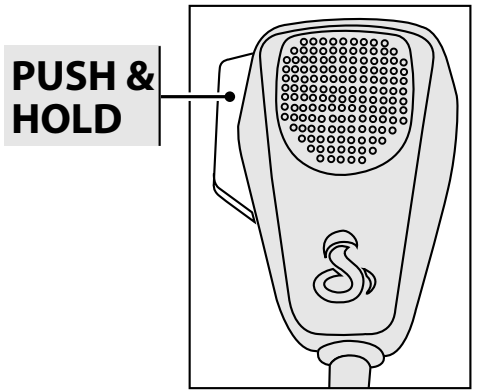
The speaker should be directed away from the microphone to prevent acoustic feedback.

Note

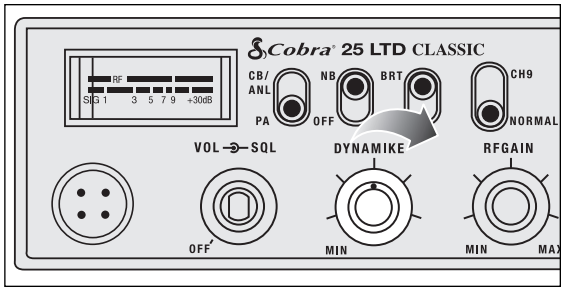
When the volume control is rotated clockwise, activity on the CB channel will be heard through the PA speaker.

continued

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

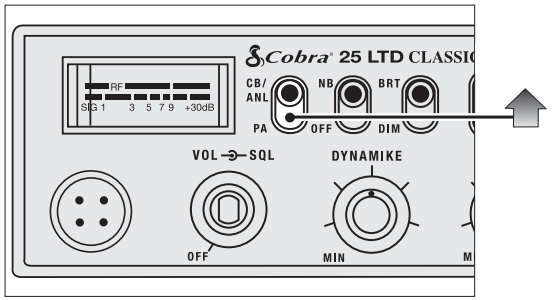


❸ *Push and hold* microphone button and speak in a normal voice. Your voice will sound on the PA speaker.



❹ *Adjust* PA speaker volume with the ◎ Dynamike control.

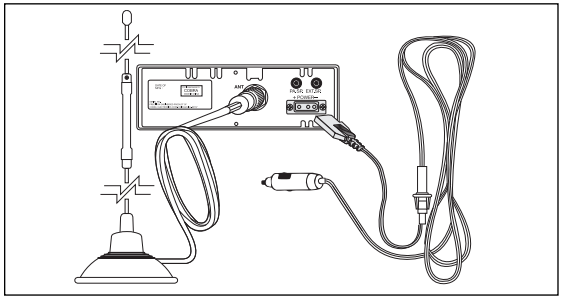
ANL (Automatic Noise Limiter) Switch



❶ When *switched* to ◉ CB/ANL the Automatic Noise Limiter is activated. This helps reduce noise created by the vehicle's electronics.

Temporary Mobile Operation

For temporary mobile operation you may want to purchase an optional cigar lighter adapter from your COBRA dealer. This adapter and a magnetic mount antenna allow you to quickly "install" your transceiver for temporary use.



Temporary Mobile Set-Up

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Home And Office Set-Up

Base Station Operation (From 120V AC House Current)

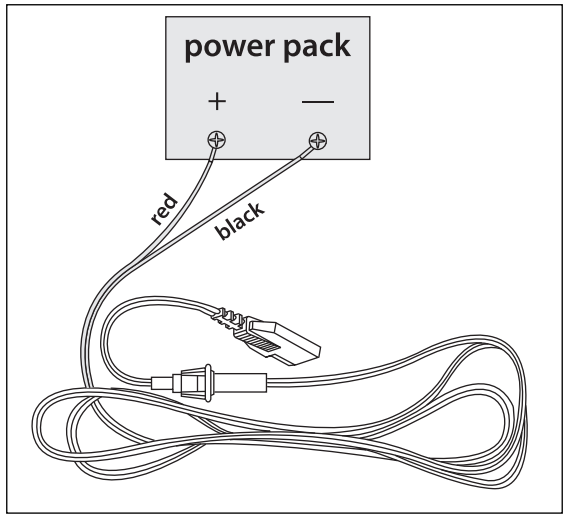
Warning!
Do not attempt to operate this transceiver by connecting it directly to 120 vac.

Note

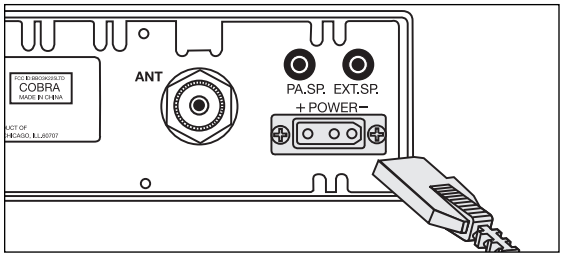
For further information call Cobra Customer Service 1.773.889.3087.

Base Station Operation (From 120V AC House Current)

To operate your transceiver from home or office you will need a 13.8 volt DC Power Pack rated at a minimum of 2 amps, and a properly installed base station antenna.



❶ Simply connect the red (+) and black (-) leads of the transceiver to the corresponding terminals of the power pack.



❷ Plug power cable into back of unit marked "Power". Be sure to observe polarity markings.

❸ Connect properly installed and matched base station antenna.

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

How Your CB Can Serve You

- Warn of traffic problems
- Provide weather and road data
- Provide help in event of an emergency
- Provide direct contact with home or office
- Assist police by reporting erratic drivers
- Get "local information" to find destination
- Communicate with family and friends
- Suggest spots to eat and sleep
- Keep you alert while traveling

A Few Rules You Should Know

A Few Rules You Should Know

A. Conversations cannot last more than 5 minutes with another station. A one minute break is required to let others use the channel.

B. You cannot blast others off the air by use of illegally amplified transmitters or illegally high antennas.

C. You cannot use CB to promote illegal activities.

D. Profanity is not allowed.

E. You may not transmit music with a CB.

F. Selling of merchandise and/or services is prohibited.

Channel 9 Emergency Messages

Note

If no response on channel 9, try channels 19 or 14.

1. Set to channel 9 for emergencies
Be sure antenna is properly connected.

2. CB Distress Data
When transmitting an emergency, you should request a "REACT BASE" and provide the CB distress data (called **CLIP**):

C	all Sign	*Identify yourself.*
L	ocation	*Be exact.*
I	njuries	*Number. Type. Trapped?*
P	roblem	*Give details and help needed.*

Transmit **CLIP** repeatedly so any monitor can assist.

The FCC gives these examples of permitted and prohibited messages for channel 9. These are only guidelines and not all-inclusive:

Permitted	Example Message
Yes	"Tornado sighted six miles north of town."
No	"Post number 10. No tornado sighted."
Yes	"Out of gas on I-95 at mile marker 211."
No	"Out of gas in my driveway."
Yes	"Four car accident on I-94 at Exit 11. Send police and ambulance."
No	"Traffic moving smoothly on I-94."
Yes	"Weather Bureau has issued thunderstorm warning. Bring sailboat into port."
No	"Attention motorists. Weather Bureau advises snow tomorrow will accumulate 4 to 6 inches."
Yes	"Fire in building at 539 Main, Evanston."
No	"Halloween patrol number 3. All quiet."

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

How Your CB Can Serve You

CB 10-Codes

CB 10-Codes

Citizen Bands have adopted the "*10-CODES*" for standard questions and answers. These codes provide quick and easy communication, especially in noisy areas. Following are some of the more common codes and meanings:

Code	Meaning
10-1	Receiving poorly
10-2	Receiving well
10-3	Stop transmitting
10-4	OK, message received
10-5	Relay message
10-6	Busy, stand by
10-7	Out of service, leaving
10-8	In service, subject to call
10-9	Repeat message
10-10	Transmission completed standing by
10-11	Talking too rapidly
10-12	Visitors present
10-13	Advise weather/roads
10-16	Make pick up at
10-17	Urgent business
10-18	Anything for us?
10-19	Return to base
10-20	My location is
10-21	Call by phone
10-22	Report in person to
10-23	Stand by
10-24	Completed last assignment
10-25	Can you contact
10-26	Disregard last info
10-27	Moving to channel
10-28	Identify your station
10-29	Time is up for contact
10-30	Does not conform to FCC rules
10-33	Emergency traffic
10-34	Trouble at this station
10-35	Confidential information
10-36	Correct time is
10-37	Wrecker needed at
10-38	Ambulance needed
10-39	Message delivered
10-41	Turn to channel
10-42	Traffic accident at
10-43	Traffic tie up at
10-44	Have a message for
10-45	All units within range please report
10-50	Break channel
10-60	What is next message number?
10-62	Unable to copy. Use phone
10-63	Net directed to
10-64	Net clear
10-65	Awaiting your next message/assignment
10-67	All units comply
10-70	Fire at
10-71	Proceed, transmission in sequence
10-77	Negative contact
10-81	Reserve hotel room for
10-82	Reserve room for
10-85	My address is
10-91	Talk closer to mic
10-93	Check my frequency on this channel
10-94	Give me a long count
10-99	Mission completed, all units secure
10-200	Police needed at

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Frequency Ranges

The COBRA 25 LTD Classic transceiver represents one of the most advanced AM two-way radios used as a Class D station in the Citizens Radio Service. This unit features advanced Phase Lock Loop (PLL) circuitry providing complete coverage of all 40 CB channels.

CB Channel	Channel Freq. In MHz	CB Channel	Channel Freq. In MHz
1	26.965	21	27.215
2	26.975	22	27.225
3	26.985	23	27.255
4	27.005	24	27.235
5	27.015	25	27.245
6	27.025	26	27.265
7	27.035	27	27.275
8	27.055	28	27.285
9	27.065	29	27.295
10	27.075	30	27.305
11	27.085	31	27.315
12	27.105	32	27.325
13	27.115	33	27.335
14	27.125	34	27.345
15	27.135	35	27.355
16	27.155	36	27.365
17	27.165	37	27.375
18	27.175	38	27.385
19	27.185	39	27.395
20	27.205	40	27.405

25 LTD Classic Specifications

GENERAL

CHANNELS	CB - 40 CH
FREQUENCY RANGE	CB - 26.965 TO 27.405 MHz
FREQUENCY TOLERANCE	0.005 %
FREQUENCY CONTROL	PLL (PHASE LOCK LOOP) SYNTHESIZER
OPERATING TEMPERATURE RANGE	-30° C TO + 50° C
MICROPHONE	PLUG-IN DYNAMIC
INPUT VOLTAGE	13.8VDC nom. (positive or negative ground)
CURRENT DRAIN	TRANSMIT: AM FULL MOD., 1.5A (MAXIMUM) RECEIVE: SQUELCHED, 0.3A; FULL AUDIO OUTPUT, 1.2A (NOMINAL)
SIZE	8-5/8" D X 6-3/8" W X 2-13/64" H
WEIGHT	4 lbs.
ANTENNA CONNECTOR	UHF; SO-239
SEMICONDUCTORS	33 TRANSISTORS, 28 DIODES, 3 INTEGRATED CIRCUITS
METER	ILLUMINATED; INDICATES RELATIVE POWER OUTPUT AND RECEIVED SIGNAL STRENGTH

TRANSMITTER

POWER OUTPUT	4 WATTS
MODULATION	AM (AMPLITUDE MODULATION)
FREQUENCY RESPONSE	300 TO 3000 Hz
OUTPUT IMPEDANCE	50 OHMS, UNBALANCED

RECEIVER

SENSITIVITY	LESS THAN 1 µV FOR 10dB (S+N) /N
SELECTIVITY	6 dB @ 7 kHz, 60 dB @ 10kHz
IMAGE REJECTION	80 dB, TYPICAL
ADJACENT-CHANNEL REJECTION	60 dB, TYPICAL
IF FREQUENCIES	DOUBLE CONVERSION: 1st: 10.695 MHz 2nd: 455 kHz
AUTOMATIC GAIN CONTROL (AGC)	LESS THAN 10 dB CHANGE IN AUDIO OUTPUT FOR INPUTS FROM 10 TO 50,000 MICROVOLTS
RF GAIN CONTROL	ADJUSTABLE FOR OPTIMUM SIGNAL RECEPTION
NOISE BLANKER	RF TYPE
SQUELCH	ADJUSTABLE; THRESHOLD LESS THAN 1µV
AUDIO OUTPUT POWER	4 WATTS
FREQUENCY RESPONSE	300 TO 3000 Hz
DISTORTION	LESS THAN 7% @3 WATTS @ 1000 Hz
BUILT-IN SPEAKER	8 OHMS, 5W
EXTERNAL SPEAKER (NOT SUPPLIED)	8 OHMS; DISABLES INTERNAL SPEAKER WHEN CONNECTED

PA SYSTEM

POWER OUTPUT	4 WATTS INTO EXTERNAL SPEAKER
EXTERNAL SPEAKER FOR PA (NOT SUPPLIED)	8 OHMS, WHEN PA-CB SWITCH IS IN PA, THE PA SPEAKER ALSO MONITORS THE RECEIVER; SEPARATE JACK PROVIDED

(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Limited Two Year Warranty

Cobra Electronics Corporation

6500 West Cortland Street
Chicago, Illinois 60707

For Products Purchased In The U.S.A.

Cobra Electronics Corporation warrants that its Citizens Band radio, and the component parts thereof, will be free of defects in workmanship and materials for a period of two (2) years from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A.

Cobra will, without charge, repair or replace, at its option, defective radios, products or component parts upon delivery to the Cobra Factory Service department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra's expense, if the product is repaired or replaced under warranty. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

Exclusions: This limited warranty does not apply:

1. To any product damaged by accident.
2. In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs.
3. If the serial number has been altered, defaced, or removed.
4. If the owner of the product resides outside the U.S.A.

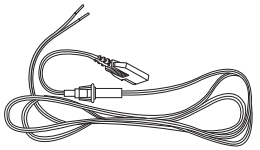
All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. Cobra shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

For Products Purchased Outside The U.S.A.

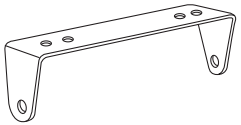
Please contact your local dealer for warranty information. You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra's expense, if the product is repaired or replaced under warranty.

Optional Accessories



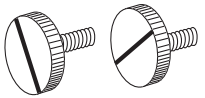
Replacement DC Power Cord

For in vehicle use
426-002-N-001



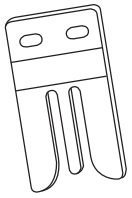
Replacement Mounting Bracket

For in vehicle use
251-199-9-001



Replacement Thumb Screws

For in vehicle use
634-081-9-001

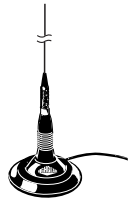


Replacement Microphone Bracket

For in vehicle use
741-080-9-001

21" Base Loaded Magnet Mount Antenna

HG A1000



38" Base Loaded Magnet Mount Antenna

HG A1500

Replacement Dynamic Microphone

For in vehicle use
CA 73

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

OptionalAccessories

4 Pin Replacement Dynamic Microphone

HG M73

Power Microphone

HG M75

4 Pin Noise Canceling Microphone

HG M77

Dynamic External Speaker

HG S100

Noise Canceling External Speaker

HG S300

Noise Canceling With Talk Back External Speaker

HG S500

Optional Accessories

You can find quality Cobra products and accessories at your local Cobra dealer, or in the U.S.A., you can order directly from Cobra.
See ordering info on page 33.

Accessory Order Info

Ordering From U.S.A.

Call 773-889-3087 for pricing or visit www.cobra.com.

For Credit Card Orders

Call 773-889-3087 [Press one from the main menu] 8:00 a.m. to 5:30 p.m. Central Time, Monday through Friday.

Make Check or Money Order Payable To

Cobra Electronics, Attn: Accessories Dept., 6500 West Cortland Street, Chicago, IL 60707 U.S.A.

To Order Online

Please visit our website: www.cobra.com

Item #	Description
426-002-N-001	Replacement DC Power Cord
251-353-9-001	Replacement Mounting Bracket
634-081-9-001	Replacement Thumb Screws
741-080-9-001	Replacement Microphone Bracket
HG A1000	21" Base Loaded, Magnetic Mount Antenna
HG A1500	38" Base Loaded, Magnetic Mount Antenna
HG M84	4 Pin Premium Noise-Cancelling Microphone
HG M84W	4 Pin Premium Noise-Cancelling Microphone (Wood Grain)
HG M73	4 Pin Replacement Dynamic Microphone
HG M77	4 Pin Noise-Cancelling Microphone
HG M75	Power Microphone
HG S100	Dynamic External Speaker
HG S300	Noise-Cancelling External Speaker
HG S500	Noise-Cancelling with Talk Back External Speaker

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Trademark Acknowledgement

Cobra®, Dynamike®, Nothing Comes Close to a Cobra® and the snake design are registered trademarks of Cobra Electronics Corporation, USA.

Cobra Electronics Corporation™ is a trademark of Cobra Electronics Corporation, USA.

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

Cobra®

The Cobra Electronics Corporation™ line of quality products includes:

CB Radios

microTALK® Radios

Radar/Laser Detectors

Safety Alert® Traffic Warning Systems

HighGear® Accessories

CobraMarine® VHF Radios

Power Inverters

Accessories

For more information or to order any of our products, please visit our website:

www.cobra.com

Cobra Electronics Corporation
6500 West Cortland Street
Chicago, IL 60707

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

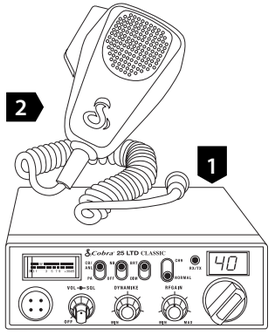
Cobra® **25 LTD Classic**

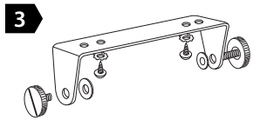
Operating Instructions for your Cobra 25 LTD Classic

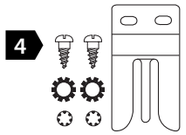
CB Radio

©2010 Cobra Electronics Corporation
Printed in China
Part No. 545-023-N-001 Version F

Nothing Comes Close to a Cobra®







The CB Story

The Citizens Band lies between the shortwave broadcast and 10-meter Amateur radio bands, and was established by law in 1949. The Class D two-way communications service was opened in 1959. (CB also includes a Class A citizens band and Class C remote control frequencies.)

FCC Regulations

FCC regulations permit only "transmissions" (one party to another) rather than "broadcasts" (to a wide audience). Thus, advertising is not allowed on CB Channels because that is "broadcasting."

FCC Warnings

All transmitter adjustments other than those supplied by the manufacturer as front panel operating controls, must be made by, or under the supervision of, the holder of an FCC-issued general Radio-Telephone Operator's License.

Replacement or substitution of transistors, regular diodes or other parts of a unique nature, with parts other than those recommended by Cobra, may cause violation of the technical regulations of Part 95 of the FCC Rules, or violation of Type Acceptance requirements of Part 2 of the Rules.

You should read and understand Part 95 (included with this unit) of the FCC Rules and Regulations, before operating your Cobra radio, even though the FCC no longer requires you to obtain an operator's license.

What's Included with Your 25 LTD Classic

1. CB transceiver
2. Microphone
3. Transceiver bracket
4. Microphone bracket
5. Operating Manual
6. DC power cord
7. FCC rules (not shown)

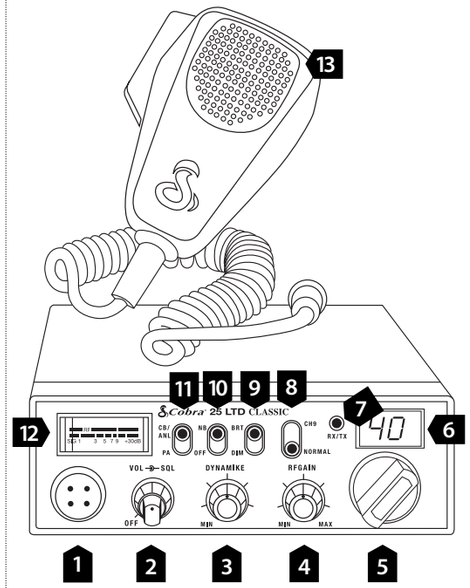
For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281

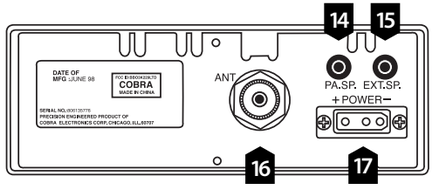
Controls and Indicators

1. *4-Pin Microphone Connector*
2. *Power On/Off/Volume/ Squelch*
3. *Dynamike*
4. *RF Gain*
5. *Channel Selector*
6. *LED Channel Display*
7. *RX (Receive)/ TX (Transmit) LED Indicator*
8. *Channel 9/ Normal Switch*
9. *Dimmer Switch*
10. *NB/Off Switch*
11. *CB/ANL PA Switch*
12. *Signal Strength Meter*
13. *Microphone*

Back Side

14. *Public Address Jack*
15. *External Speaker Jack*
16. *Antenna Connector*
17. *Power Jack*





Our Thanks to You

Thank you for purchasing the Cobra 25 LTD Classic CB Radio. Properly used, this Cobra product will give you many years of reliable service.

Customer Assistance

Should you encounter any problems with this product, or not understand its many features, please refer to this owner's manual. If you require further assistance after reading this manual, Cobra Electronics offers the following customer assistance services:

For Assistance in the U.S.A.

Automated Help Desk English only, 24 hours a day, seven (7) days a week 773-889-3087 (phone).

Customer Assistance Operators English and Spanish.

8:00 a.m. to 5:30 p.m. Central Time Mon. through Fri. (except holidays) 773-889-3087 (phone).

Questions English and Spanish.

Faxes can be received at 773-622-2269 (fax).

Technical Assistance English only.

www.cobra.com (online: Frequently Asked Questions). English and Spanish. productinfo@cobra.com (e-mail).

For Assistance Outside the U.S.A.

Contact Your Local Dealer

Notes

For Sales Information Please Contact

RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.
Wilmington, NC 28411
(800) 507-0482 / (910) 686-4281

For Sales Information Please Contact RoadTrucker Inc (www.RoadTrucker.com)
8312 Sidbury Rd.; Wilmington, NC 28411 - (800) 507-0482 / (910) 686-4281